

Converting Colors

XYZ(61.2628, 65.3487, 78.3883)

Have a look what the booklet for
XYZ(61.2628, 65.3487, 78.3883)
contains.

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Color

**XYZ(61.3362, 65.4190,
78.5016)**

Conversions

Conversions Part 1

Format	Color
Hex	CAD5DE
RGB	202, 213, 222
RGB Percent	79%, 84%, 87%
CMY	0.2078, 0.1647, 0.1294
CMYK	0.09, 0.04, 0.00, 0.13
HSL	207°, 23%, 83%
HSV	207°, 9%, 87%
XYZ	61.3362, 65.4190, 78.5016
YIQ	210.7370, -9.4450, 0.4670

Conversions

Conversions Part 2

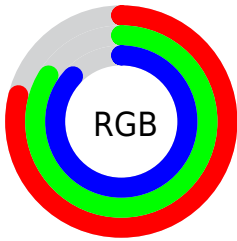
Format	Color
R _Y B	202, 209, 222
Decimal	13293022
CIE Lab	84.70, -1.97, -5.72
CIE LCh	85, 6.047, 250.992
Yxy	65.4190, 0.2988, 0.3187
Android (android.graphics.Color)	4291483102 (0xFFCAD5DE)
YUV	210.7370, 5.5527, -7.6623
Hunter-Lab	80.8820, -6.1795, -0.9276

Details

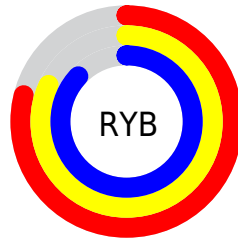
The XYZ color **61.3362, 65.4190, 78.5016** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.0794, 66.3819, 65.3139**, and the grayscale version is **61.7139, 64.9279, 70.7065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **31.4147, 33.5396, 41.3773** is the 20% darker color. If you saturate the color by 10%, you get **53.3215, 57.6741, 77.4301**, and if you desaturate by 10%, it is **70.3735, 73.9243, 79.6680**.

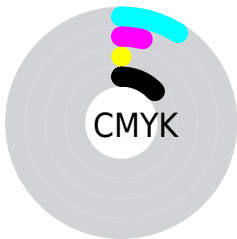
Distribution



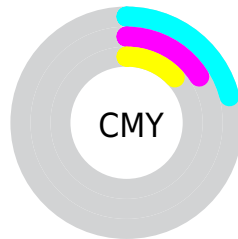
- Red (79%)
- Green (84%)
- Blue (87%)



- Red (79%)
- Yellow (82%)
- Blue (87%)



- Cyan (9%)
- Magenta (4%)
- Yellow (0%)
- Black (13%)



- Cyan (21%)
- Magenta (16%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.3362, 65.4190, 78.5016 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 61.3362, 65.4190, 78.5016 by changing the saturation by 10% instead.

■ 61.3362, 65.4190,
78.5016

■ 61.3362, 65.4190,
78.5016

419.2619,
444.2961, 509.4416

■ 44.7501, 47.8009,
57.9672

105.8609,
112.6520, 133.0493

■ 31.4611, 33.6693,
41.3678

134.5303,
143.0358, 167.8997

■ 21.1038, 22.6396,
28.2847

167.9581,
178.4435, 208.3591

■ 13.3128, 14.3276,
18.2995

206.5098,
219.2597, 254.8462

■ 7.7227, 8.3489,
10.9935

250.5507,
265.8686, 307.7795

■ 3.9684, 4.3190,
5.9484

300.4460,

■ 1.6843, 1.8536,

318.6547, 367.5774

2.7454

356.5613,
378.0025, 434.6586

■ 0.4464, 0.5202,
0.9662

■ 0.0000, 0.0000,
0.0000

■ 61.3362, 65.4190,
78.5016

■ 61.3362, 65.4190,
78.5016

■ 53.3215, 57.6741,
77.4301

■ 70.3735, 73.9243,
79.6680

■ 46.2843, 50.6568,
76.4465

■ 80.4649, 83.2049,
80.9275

■ 40.1842, 44.3439,
75.5496

■ 86.4649, 90.6138,
82.0413

■ 34.9758, 38.7078,
74.7362

■ 89.5348, 96.7535,
83.0646

■ 30.6095, 33.7183,
74.0032

■ 90.1850, 98.0540,
83.2813

■ 27.0304, 29.3425,
73.3473

■ 24.1764, 25.5437,
72.7644

■ 21.9743, 22.2791,
72.2504

■ 20.3112, 19.4855,
71.7988

Harmonies

Analogous

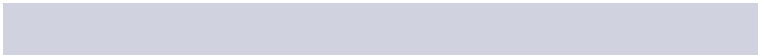
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60.2377, 65.4190, 76.2249



61.3362, 65.4190, 78.5016



62.6757, 65.4190, 78.7892

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



61.3362, 65.4190, 78.5016



64.7650, 65.4190, 69.8204



60.4896, 65.4190, 65.7587

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



61.3362, 65.4190, 78.5016



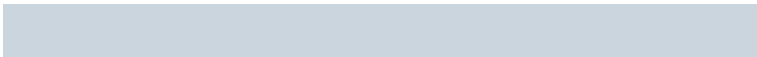
64.0794, 66.3819, 65.3139

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.6846, 65.4190, 64.1707



61.3362, 65.4190, 78.5016



64.1611, 65.4190, 66.4586

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



61.3362, 65.4190, 78.5016



64.6685, 65.4190, 73.6819



63.0291, 65.4190, 64.4222



59.7539, 65.4190, 68.8334

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



61.3362, 65.4190, 78.5016



63.5266, 65.4190, 77.8029



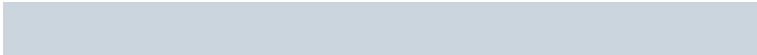
63.0291, 65.4190, 64.4222



60.8502, 65.4190, 65.0384

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



61.3381, 65.4218, 78.5030



91.2033, 96.4018, 108.4082



62.1956, 69.4867, 71.5445



19.3059, 20.4316, 23.1761



0.0000, 0.0000, 0.0000



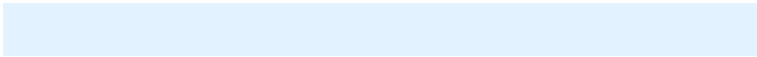
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



61.3381, 65.4218, 78.5030



81.5787, 87.2747, 107.1538



58.9778, 60.7012, 77.7163



13.5740, 14.4871, 17.4686



12.0878, 11.6452, 42.6590



0.9269, 0.9853, 2.9866

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



63.2565, 62.5761, 71.6984



84.7799, 82.6046, 95.7814



66.5544, 71.3320, 66.1389



14.0212, 13.8261, 15.8818



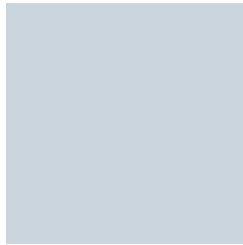
20.0416, 10.0836, 12.1506



1.4341, 0.7169, 1.0789

Previews

White Background



This preview shows how the XYZ color 61.3362, 65.4190, 78.5016 looks on a white background.

Color Contrast Check

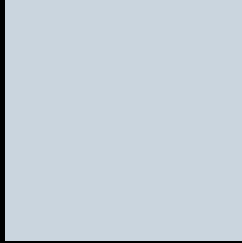
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 61.3362, 65.4190, 78.5016 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

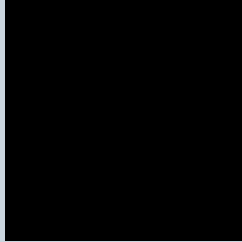
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

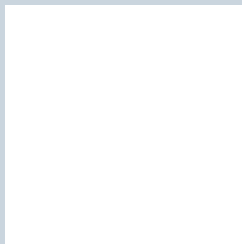
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 61.3362, 65.4190, 78.5016

Background



This preview shows how black text looks on a background with the XYZ color 61.3362, 65.4190, 78.5016.

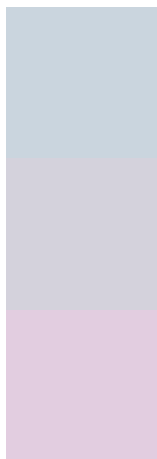


This preview shows how white text looks on a background with the XYZ color 61.3362, 65.4190,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

61.3362, 65.4190, 78.5016

Protanopia

63.1162, 65.2575, 76.9795

Deuteranopia

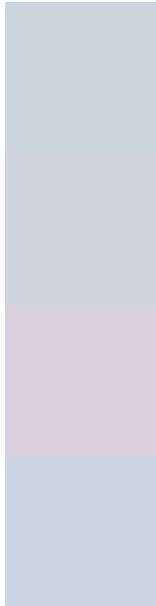
66.6499, 65.2132, 79.5956



Tritanopia

62.3149, 65.4406, 83.4757

Trichromacy



Original Color

61.3362, 65.4190, 78.5016

Protanomaly

62.3578, 65.2189, 77.7085

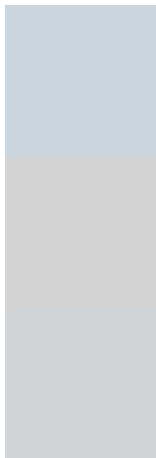
Deuteranomaly

64.4904, 65.1912, 78.9962

Tritanomaly

61.8996, 65.2745, 81.2883

Monochromacy



Original Color

61.3362, 65.4190, 78.5016

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

61.8216, 65.4032, 73.6557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.3362, 65.4190, 78.5016 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(202, 213, 222) looks like.

```
.text, #text, p{  
    color:rgb(202, 213, 222)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(202, 213, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 213, 222) }
```

Border

The CSS property to change the border of an element to XYZ 61.3362, 65.4190, 78.5016 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(202, 213, 222) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(202, 213, 222) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(202, 213, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 213, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 213, 222);  
box-shadow:4px 4px 4px 4px rgb(202, 213,  
222) }
```

Background

The CSS property to change the background color of an element to XYZ 61.3362, 65.4190, 78.5016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 213, 222) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(202,  
213, 222) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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